

ORDER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGION

SW 6980.7A

7/27/01

SUBJ: PROVISION OF FILTERS FOR ENGINE GENERATOR CONTROL CABINET VENTS

- 1. PURPOSE.** This order provides for the installation of filters on vents in engine generator control cabinets.
- 2. DISTRIBUTION.** This directive is distributed to the branch level within the Airway Facilities (AF) Division and to all AF field offices, and to the NAS Quality Assurance and Performance Division, AOP-200.
- 3. CANCELLATION.** Order SW 6980.7, Provision of Filters For Engine Generator Control Cabinet Vents, dated 8/21/78, is canceled.
- 4. EXPLANATION OF CHANGES.** This directive is being updated to reflect current Airway Facilities Division organizational titles.
- 5. BACKGROUND.** In areas where dust storms and high winds are prevalent, foreign matter may frequently be blown into the engine generator control panels or may accumulate on components. Outages are often attributed to accumulations on relay contacts. Installation of filters will aid in keeping foreign substances out of the control panel, help prolong the life of the components, and prevent outages.
- 6. APPLICATION.** This modification applies to all engine generators where it is determined that the filters would be advantageous.
- 7. MATERIALS REQUIRED.**
 - a. Metal or plastic channel.
 - b. Disposable air filter 1 inch thick.
- 8. SOURCE OF MATERIALS.** Local purchase.
- 9. SPECIAL TOOLS AND TEST EQUIPMENT REQUIRED.** Hand tools.
- 10. MODIFICATION TO BE PERFORMED BY.** Field technical personnel.
- 11. ESTIMATED TIME REQUIRED.** Approximately 2 hours per unit.

12. MODIFICATION PROCEDURE.

- a. Cut channel to proper length and install according to the drawing shown in Appendix 1.
- b. Install filter in channel.

13. CHANGES TO INSTRUCTION BOOKS. None.

14. CHANGES TO INSTALLATION DRAWINGS. None.

15. CHANGES TO RECORDED DATA. None.

16. CHANGES TO TABLE OF CONTENTS. None.

17. RECOMMENDATIONS FOR CHANGES. Forward any recommendations for changes to this directive to the Operations Branch, ASW-470.

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SW APPENDIX 1. ENGINE GENERATOR CONTROL PANEL FILTER INSTALLATION